#### Pt. 159

## PART 159—MARINE SANITATION **DEVICES**

### Subpart A—General

Sec.

Purpose. 159.1

159.3 Definitions.

Incorporation by reference. 159.4

159.5 Requirements for vessel manufacturers.

159.7 Requirements for vessel operators.

### **Subpart B—Certification Procedures**

159.11 Purpose.

159.12 Regulations for certification of existing devices.

159.12a Certification of certain Type III devices.

159.14 Application for certification. 159.15 Certification.

159.16 Authorization to label devices.

Changes to certified devices. 159.17

159.19 Testing equivalency.

### Subpart C—Design, Construction, and Testina

159.51 Purpose and scope.

159.53 General requirements.

159.55 Identification.

159.57 Installation, operation, and maintenance instructions.

159.59 Placard.

159.61 Vents.

159.63 Access to parts.

159.65 Chemical level indicator.

159.67 Electrical component ratings. 159.69 Motor ratings.

159.71 Electrical controls and conductors.

159.73 Conductors.

159.75 Overcurrent protection.

159.79 Terminals.

159.81 Baffles.

159.83 Level indicator.

159.85 Sewage removal.

159.87 Removal fittings

159.89 Power interruption: Type I and II devices.

159.93 Independent supporting.

159.95 Safety.

159.97 Safety: inspected vessels.

159.101 Testing: general.

159.103 Vibration test.

159.105 Shock test.

159.107 Rolling test. 159,109 Pressure test.

159.111 Pressure and vacuum pulse test.

159.115 Temperature range test.

159.117 Chemical resistance test.

159.119 Operability test; temperature range.

159 121 Sewage processing test.

Coliform test: Type I devices. 159.123

159.125 Visible floating solids: Type I devices.

159.126 Coliform test: Type II devices.

159.126a Suspended solids test: Type II devices.

159.127 Safety coliform count: Recirculating devices.

159.129 Safety: Ignition prevention test.

159.131 Safety: Incinerating device.

# Subpart D—Recognition of Facilities

159.201 Recognition of facilities.

AUTHORITY: Sec. 312(b)(1), 86 Stat. 871 (33 U.S.C. 1322(b)(1)); 49 CFR 1.45(b) and 1.46(l)

Source: CGD 73-83, 40 FR 4624, Jan. 30, 1975, unless otherwise noted.

# Subpart A—General

### § 159.1 Purpose.

This part prescribes regulations governing the design and construction of marine sanitation devices and procedures for certifying that marine sanitation devices meet the regulations and the standards of the Environmental Protection Agency promulgated under section 312 of the Federal Water Pollution Control Act (33 U.S.C. 1322), to eliminate the discharge of untreated sewage from vessels into the waters of the United States, including the territorial seas. Subpart A of this part contains regulations governing the manufacture and operation of vessels equipped with marine sanitation devices.

### § 159.3 Definitions.

In this part:

Coast Guard means the Commandant or his authorized representative.

Discharge includes, but is not limited to, any spilling, leaking, pouring, pumping, emitting, emptying, or dumping.

Existing vessel includes any vessel, the construction of which was initiated before January 30, 1975.

Fecal coliform bacteria are those organisms associated with the intestine of warm-blooded animals that are commonly used to indicate the presence of fecal material and the potential presence of organisms capable of causing human disease.

Inspected vessel means any vessel that is required to be inspected under 46 CFR Ch. I.

Length means a straight line measurement of the overall length from the Coast Guard, DOT § 159.4

foremost part of the vessel to the aftermost part of the vessel, measured parallel to the centerline. Bow sprits, bumpkins, rudders, outboard motor brackets, and similar fittings or attachments are not to be included in the measurement.

Manufacturer means any person engaged in manufacturing, assembling, or importing of marine sanitation devices or of vessels subject to the standards and regulations promulgated under section 312 of the Federal Water Pollution Control Act.

Marine sanitation device and device includes any equipment for installation on board a vessel which is designed to receive, retain, treat, or discharge sewage, and any process to treat such sewage.

New vessel includes any vessel, the construction of which is initiated on or after January 30, 1975.

Person means an individual, partnership, firm, corporation, or association, but does not include an individual on board a public vessel.

Public vessel means a vessel owned or bare-boat chartered and operated by the United States, by a State or political subdivision thereof, or by a foreign nation, except when such vessel is engaged in commerce.

Recognized facility means any laboratory or facility listed by the Coast Guard as a recognized facility under this part.

Sewage means human body wastes and the wastes from toilets and other receptacles intended to receive or retain body waste.

Territorial seas means the belt of the seas measured from the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters, and extending seaward a distance of 3 miles.

Type I marine sanitation device means a device that, under the test conditions described in §§159.123 and 159.125, produces an effluent having a fecal coliform bacteria count not greater than 1,000 per 100 milliliters and no visible floating solids.

Type II marine sanitation device means a device that, under the test conditions described in §§159.126 and 159.126a, pro-

duces an effluent having a fecal coliform bacteria count not greater than 200 per 100 milliliters and suspended solids not greater than 150 milligrams per liter.

Type III marine sanitation device means a device that is designed to prevent the overboard discharge of treated or untreated sewage or any waste derived from sewage.

Uninspected vessel means any vessel that is not required to be inspected under 46 CFR Chapter I.

United States includes the States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, the Canal Zone, and the Trust Territory of the Pacific Islands.

Vessel includes every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on the waters of the United States.

[CGD 96-026, 61 FR 33668, June 28, 1996, as amended by CGD 95-028, 62 FR 51194, Sept. 30, 1997]

### §159.4 Incorporation by reference.

(a) Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than that specified in paragraph (b) of this section, the Coast Guard must publish notice of change in the FEDERAL REGISTER; and the material must be available to the public. All approved material is available for inspection at the Office of the Federal Register, 800 North Capitol Street, NW., suite 700, Washington, DC, and at the Engineering Division, U.S. Coast Guard Marine Safety Center, 400 Seventh Street, SW., Washington, DC 20590, and is available from the sources indicated in paragraph (b) of this section.

(b) The material approved for incorporation by reference in this part, and the sections affected, are as follows:

American Society for Testing and Materials (ASTM)

100 Barr Harbor Drive, West Conshohocken, PA 19428–2959.